

C

4:1:1- Sequences

Name _____

Write a rule for the sequences below. Your rule should be written as an algebraic expression.

1.

| | | | | | | | |
|-------------|---|---|---|----|----|-----|---|
| Term Number | 1 | 2 | 3 | 4 | 5 | ... | n |
| Sequence | 2 | 5 | 8 | 11 | 14 | | |

2.

| | | | | | | | |
|-------------|---|----|----|----|----|-----|---|
| Term Number | 1 | 2 | 3 | 4 | 5 | ... | n |
| Sequence | 9 | 14 | 19 | 24 | 29 | | |

3.

| | | | | | | | |
|-------------|---|----|----|----|----|-----|---|
| Term Number | 1 | 2 | 3 | 4 | 5 | ... | n |
| Sequence | 5 | 15 | 25 | 35 | 45 | | |

4.

| | | | | | | | |
|-------------|---|---|---|----|----|-----|---|
| Term Number | 1 | 2 | 3 | 4 | 5 | ... | n |
| Sequence | 1 | 4 | 9 | 16 | 25 | | |

5.

| | | | | | | | |
|-------------|---|----|----|----|----|-----|---|
| Term Number | 1 | 2 | 3 | 4 | 5 | ... | n |
| Sequence | 7 | 14 | 21 | 28 | 35 | | |

6.

| | | | | | | | |
|-------------|----|----|----|----|----|-----|---|
| Term Number | 1 | 2 | 3 | 4 | 5 | ... | n |
| Sequence | 10 | 12 | 14 | 16 | 18 | | |

7.

| | | | | | | | |
|-------------|---|---|----|----|----|-----|---|
| Term Number | 1 | 2 | 3 | 4 | 5 | ... | n |
| Sequence | 0 | 6 | 12 | 18 | 24 | | |